

the first layer of the disc and for generating a discrimination signal in accordance with a result of the discrimination; and a controlling means for causing the composite converging optical device to converge the light flux as a spot with a particular diameter to minimize aberration due to the first layer in accordance with said disc discrimination signal.

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Cont.

36. A system according to claim 28, wherein said optical recording/reproducing apparatus further comprises a disc discrimination means for discriminating the thickness of the first layer of the disc and for generating a discrimination signal in accordance with a result of the discrimination; and a controlling means for causing the composite converging optical device to converge the light flux as a spot with a particular diameter to minimize aberration due to the first layer in accordance with said disc discrimination signal.

37. An apparatus according to claim 34, further comprising a disc discrimination means for discriminating the thickness of the first layer of the disc and for generating a discrimination signal in accordance with a result of the discrimination; and a controlling means for causing the composite converging optical device to converge the light flux as a spot with a particular diameter to minimize aberration due to the first layer in accordance with said disc discrimination signal.